

DERWENT-ACC-NO: 1991-228317

DERWENT-WEEK: 199131

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TITLE: High tension steel sheet prodn. - by hot rolling steel
sheet contg. silicon, manganese, tungsten, calcium and
e.g. copper, nickel and aluminium

INVENTOR: LEE, J S

PATENT-ASSIGNEE: POHANG IRON & STEEL CO LTD[POHAN]

PRIORITY-DATA: 1986KR-0011455 (December 29, 1986)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
KR 9004845 B	July 8, 1990	N/A	000	N/A

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
KR 9004845B	N/A	1986KR-0011455	December 29, 1986

INT-CL (IPC): C21D008/02

ABSTRACTED-PUB-NO: KR 9004845B

BASIC-ABSTRACT:

The method involves heating steel slab to over 1150 deg.C, hot-rolling at 950-1000 deg.C start-rolling temp. and 890-950 deg. C finish-rolling temp. quenching after reheating to 900-950 deg.C, and tempering at 640-660 deg.C.

The steel slab consists of (in wt.%) 0.05-0.2% C, 0.08-1.0% Si, 0.4-3% Mn, 0.1-1.0% W, up to 0.005% S, up to 0.016% P, up to 0.005% N, 0.001-0.1% Ca, at least two elements selected from gp. consisting of up to 0.8% Cu, up to 3.0% Ni, up to 3.0% Cr, up to 1.0% Mo and up to 0.1% V, and at least one element selected from gp. consisting of up to 0.1% Al, up to 0.1% Ti and up to 0.006% B

DERWENT-CLASS: M24 M27

CPI-CODES: M24-D01A; M24-D02; M27-B04; M27-B04C; M27-B04M; M27-B04S; M27-B04T;